

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

OHTANI, Tamotsu
TOMOE-CHO ANNEX-II 4F
8-27, Toranomom 3-chome
Minato-ku, Tokyo 105-0001
JAPON

Date of mailing (day/month/year) 01 November 2001 (01.11.01)		IMPORTANT NOTICE	
Applicant's or agent's file reference FI-2401			
International application No. PCT/JP01/03269	International filing date (day/month/year) 17 April 2001 (17.04.01)	Priority date (day/month/year) 17 April 2000 (17.04.00)	
Applicant IDEMITSU PETROCHEMICAL CO., LTD. et al			

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:
US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:
EP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 01 November 2001 (01.11.01) under No. WO 01/81455

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a **demand for international preliminary examination** must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the **national phase**, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and the PCT Applicant's Guide, Volume II.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer J. Zahra
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.91.11

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/10751

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C08J3/22, C08L101/00, 23/00, C08K3/00, 5/00// (C08L23/00,
C08L67:00, C08L25:00, C08L23/26)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C08J3/22, C08L23/00-36, 67/00-08, 25/00-18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DIALOG (WPI/L)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X P, A	EP 1201702 A1 (IDEMITSU PETROCHEMICAL CO., LTD.), 02 May, 2002 (02.05.02), Claims; Par. Nos. [0012] to [0039] & WO 01/81455 A1 & JP 2001-294671 A	1-2, 4-5, 14-19 3, 6-13
P, X P, A	JP 2002-096376 A (Idemitsu Petrochemical Co., Ltd.), 02 April, 2002 (02.04.02), Claims; Par. Nos. [0018] to [0041], [0078] (Family: none)	1-6, 14-19 7-13
P, A	JP 2001-302808 A (Okura Industrial Co., Ltd.), 31 October, 2001 (31.10.01), Claims; Par. Nos. [0009] to [0021] (Family: none)	1-19

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
14 January, 2003 (14.01.03)

Date of mailing of the international search report
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Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP02/10751

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 8-3417 A (Asahi Chemical Industry Co., Ltd.), 09 January, 1996 (09.01.96), Claims; Par. Nos. [0012], [0028] to [0030], [0044] to [0057] & TW 353671 A	1-6 7-19
Y A	JP 8-216233 A (Toyo Seikan Kaisha, Ltd.), 27 August, 1996 (27.08.96), Claims; Par. Nos. [0034] to [0039], [0044], [0050] to [0071] (Family: none)	1-6, 14-16 7-13
Y A	EP 930330 A2 (Mitsubishi Polyester Film Co.), 21 July, 1999 (21.07.99), Claims; Par. Nos. [0005] to [0007], [0029] & US 6235374 A & JP 11-227139 A & JP 11-268215 A	14-19 1-13
Y A	JP 11-43582 A (Techno Polymer Co., Ltd.), 16 February, 1999 (16.02.99), Claims; Par. Nos. [0024] to [0027] (Family: none)	1-13 14-19
Y A	JP 2001-279029 A (Tokyo Printing Ink Mfg. Co., Ltd.), 10 October, 2001 (10.10.01), Claims; Par. Nos. [0016] to [0027] (Family: none)	1, 2, 4, 5 3, 6-19
Y A	JP 2000-186152 A (Du Pont-Mitsui Polychemicals Co., Ltd.), 04 July, 2000 (04.07.00), Claims; Par. Nos. [0007] to [0016] (Family: none)	1, 2, 4, 5 3, 6-19
Y A	EP 906817 A1 (Suzuka Fuji Xerox Co., Ltd.), 07 April, 1999 (07.04.99), Claims & WO 97/38838 A1 & JP 2001-270951 A & JP 2001-226639 A	14-19 1-13
Y A	US 6046265 A (General Electric Co.), 04 April, 2000 (04.04.00), Column 4, line 22 to column 5, line 61 & JP 11-255905 A	1, 2, 4, 5 3, 6-14

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/03269

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ C08J3/22, B29C49/04, B29B11/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ C08J3/22, B29C49/04, B29B11/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996 Jitsuyo Shinan Toroku Koho 1996-2001
 Kokai Jitsuyo Shinan Koho 1971-2001 Toroku Jitsuyo Shinan Koho 1994-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI/L

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US, 6046265, A (General Electric Co.), 04 April, 2000 (04.04.00), Claims & EP, 931807, A & JP, 11-255905, A & SG, 70146, A	1
X	JP, 2-68374, A (Iwao HISHIDA), 07 March, 1990 (07.03.90), Claims; page 2, lower left column, lines 16 to 19; page 3, lower right column, lines 1 to 10; page 4, upper right column, line 17 (Family: none)	1, 2
X	JP, 8-11753, A (Kyoraku Co., Ltd.), 16 January, 1996 (16.01.96), Claims; Par. No. [0036] (Family: none)	1, 2
A	JP, 10-324751, A (Japan Polychem Corporation), 08 December, 1998 (08.12.98), Claims (Family: none)	1-6

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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International application No.

PCT/JP01/03269

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP, 8-319419, A (Satoshi SANZEN), 03 December, 1996 (03.12.96), Claims (Family: none)	1-6
A	JP, 5-278099, A (Sumika Color K.K.), 26 October, 1993 (26.10.93), Claims (Family: none)	1-6
A	JP, 1-108268, A (Dainichiseika Color & Chemical Mfg. Co., Ltd.), 25 April, 1989 (25.04.89), Claims (Family: none)	1-6
A	JP, 2000-33925, A (Toppan Printing Co., Ltd.), 02 February, 2000 (02.02.00), Claims (Family: none)	1-6
A	JP, 61-81454, A (Teijin Limited), 25 April, 1986 (25.04.86), Claims (Family: none)	1-6